

# KODAK M7B Automatic Film Feeder Adapter



HEALTH SCIENCES

**PLEASE NOTE**

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**CAUTION**



This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

**NOTE:** This adapter connects KODAK *RP* X-OMAT Processors, Models M7, M7A, and M7B to the KODAK Automatic Film Feeder, Model 11.

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## SERVICE PROCEDURES

### CAUTION

These service procedures should only be performed by a qualified service person.

### Electrical Diagnostics

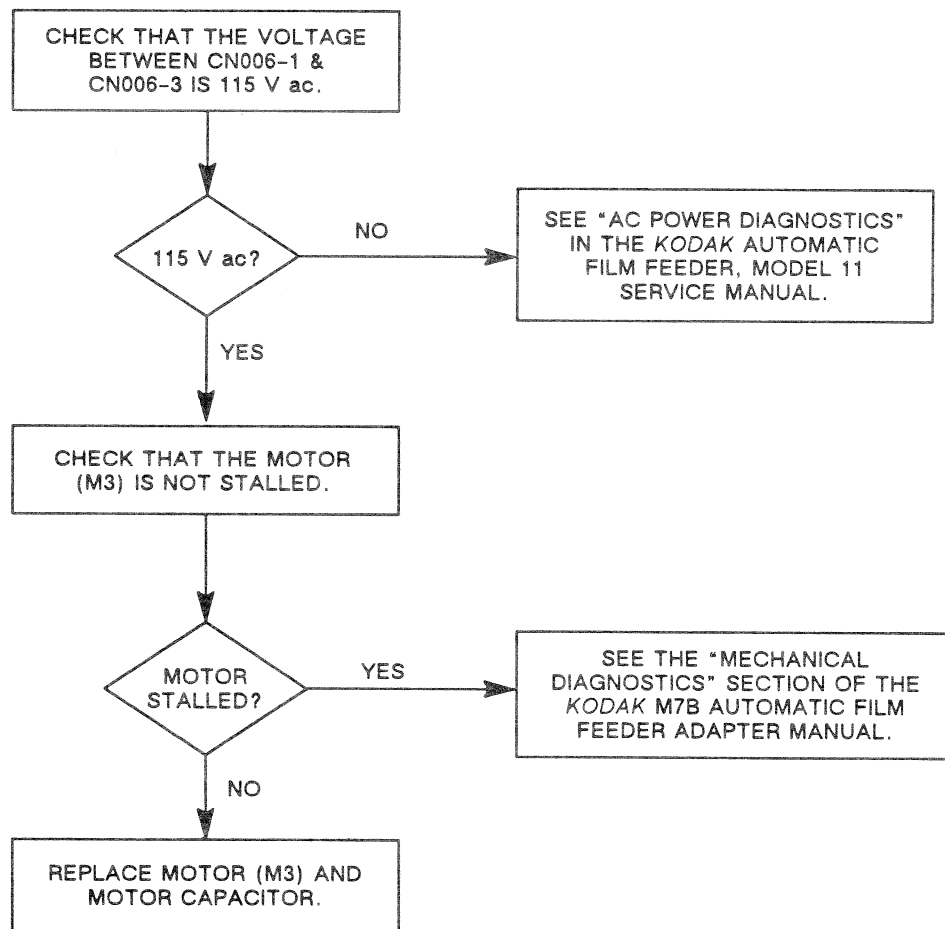
Symptom: Adapter Motor (M3) is not energized.

Assumption: The KODAK Automatic Film Feeder, Model 11, is ON, and Connector CN006 is properly connected.

## ELECTRICAL DIAGNOSTICS for the M3 ADAPTER MOTOR

### WARNING

DANGEROUS VOLTAGE.



## **SERVICE PROCEDURES (cont.)**

### **Mechanical Diagnostics**

Symptom: Film is not being transported.

Check:

- that the rollers are clean.
- for worn gears.
- for missing teeth on the gears.
- for lack of spring tension on the clutch.
- the clutch.

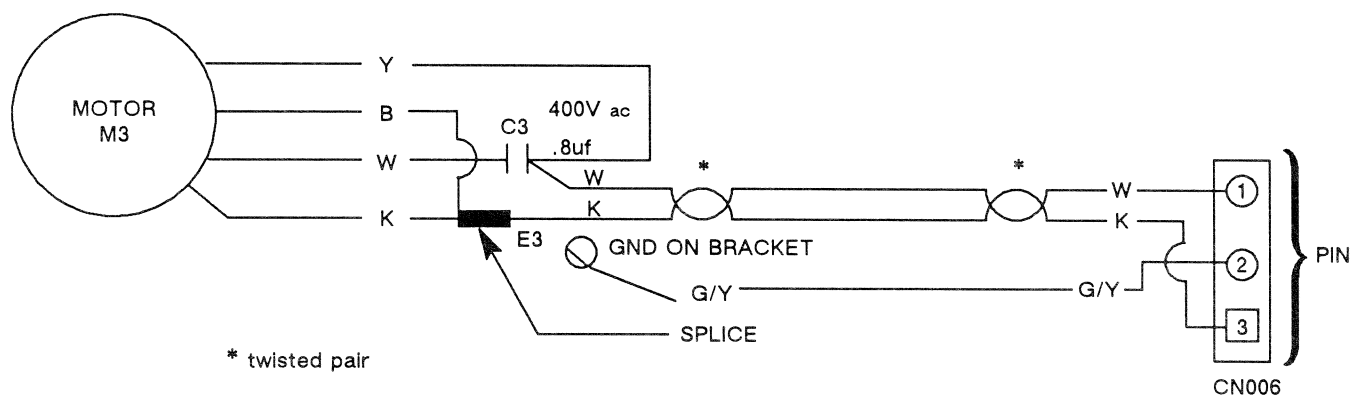
## **PREVENTIVE MAINTENANCE**

1. Clean the rollers with a damp cloth. Make certain they are dry before using the Adapter again.
2. Check the gears for wear, damaged teeth.

### **NOTE**

The Motor does *not* require lubrication.

## WIRING DIAGRAM

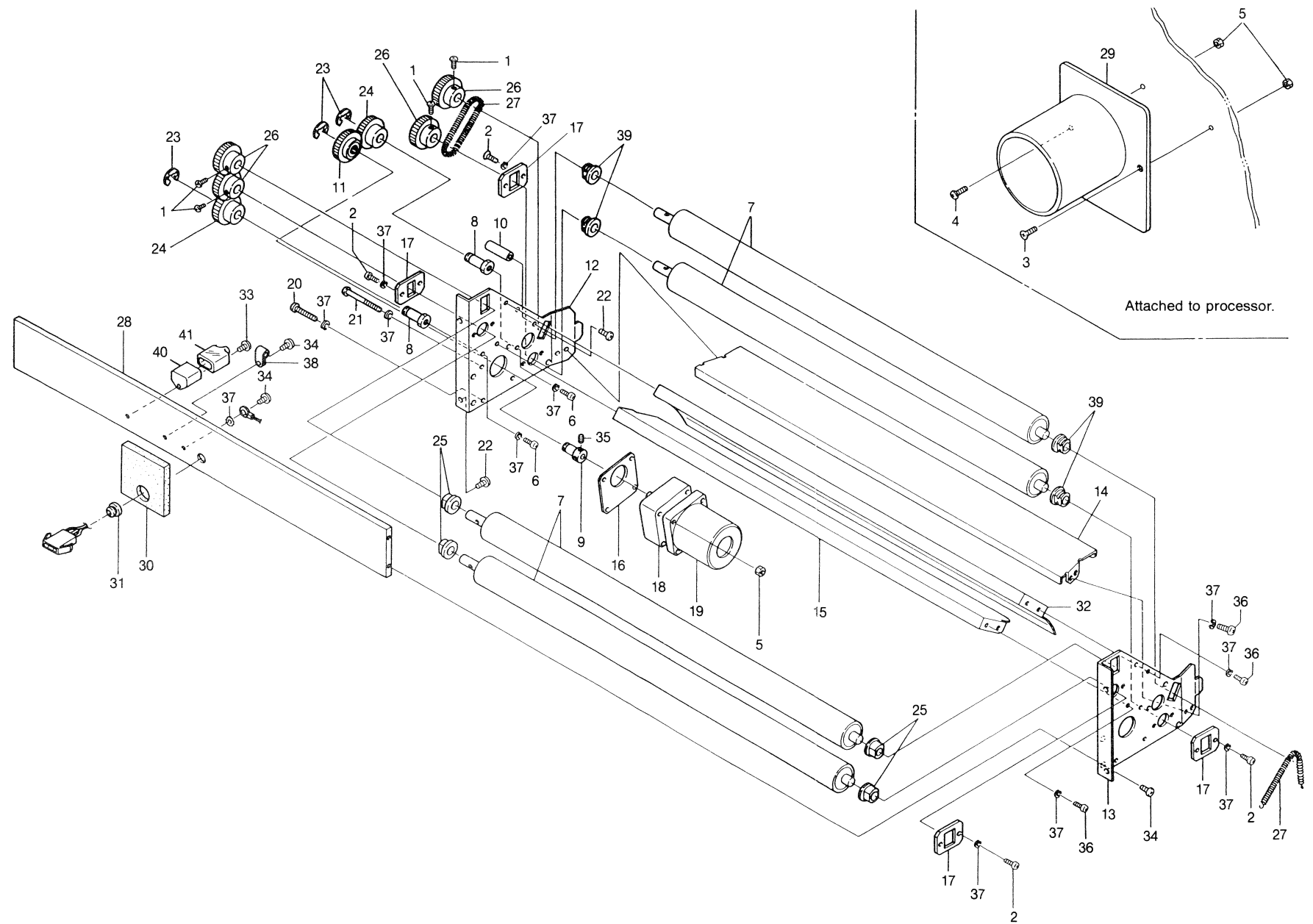


## WIRING DIAGRAM for the KODAK M7B Automatic Film Feeder Adapter



**PARTS LIST**

Item No.	Part No.	Description	Quantity
1	243805	Screw—Machine, #4 x 12 mm	4
2	261302	Screw—Machine, Fl. Hd., #3 x 6 mm	8
3	261304	Screw—Machine, Fl. Hd., #3 x 15 mm	1
4	262727	Screw—Machine, #3 x 12 mm	1
5	262728	Nut—Metric, #3	3
6	312354	Screw—Machine, #3 x 6 mm	2
7	335712	Roller—Transport	4
8	335713	Screw—Shoulder, Gear	2
9	335714	Coupling—Motor	1
10	335715	Rod—Guide	1
11	335716	Gear—Clutch Assembly	1
12	335717	Plate—Side, Drive Side	1
13	335718	Plate—Side, Idle Side	1
14	335719	Plate—Guide, Input	1
15	335721	Plate—Guide, Interior	1
16	335722	Mount—Motor, Drive	1
17	335723	Mount—Bushing, Output	4
18	333846	Gearbox—Motor, Drive	1
19	333643	Motor—Drive	1
20	335726	Screw—Machine, #3 x 35 mm	2
21	335727	Screw—Machine, #3 x 55 mm	2
22	335728	Screw—Machine, #4 x 6 mm	4
23	335729	Ring—Retaining, #6 mm	3
24	335730	Gear—Idler	2
25	335731	Bushing—Roller	4
26	335732	Gear—Drive, Roller	4
27	335733	Spring—Tension	2
28	335734	Bar—Support	1
29	335735	Adapter—Exhaust	1
30	335736	Seal—Foam	1
31	335737	Bushing—Strain Relief	1
32	335789	Plate—Deflector, Input	1
33	488811	Screw—Machine, #4 x 10 mm	1
34	488860	Screw—Machine, #4 x 8 mm	6
35	586233	Screw—Set, #4 x 6 mm	2
36	588855	Screw—Machine, #3 x 4 mm	6
37	619364	Lockwasher—Metric, #3	21
38	806646	Clamp—Cable	1
39	335711	Bushing—Roller, Exit	4
40	335580	Capacitor	1
41	333604	Cover—Capacitor	1



NUMERICAL INDEX		
Part No.	Description	Item No.
243805	Screw—Machine, #4 x 12 mm	1
261302	Screw—Machine, Fl. Hd., #3 x 6 mm	2
261304	Screw—Machine, Fl. Hd., #3 x 15 mm	3
262727	Screw—Machine, #3 x 12 mm	4
262728	Nut—Metric, #3	5
312354	Screw—Machine, #3 x 6 mm	6
333604	Cover—Capacitor	41
333643	Motor—Drive	19
333846	Gearbox—Motor, Drive	18
335580	Capacitor	40
335711	Bushing—Roller, Exit	39
335712	Roller—Transport	7
335713	Screw—Shoulder, Gear	8
335714	Coupling—Motor	9
335715	Rod—Guide	10
335716	Gear—Clutch Assembly	11
335717	Plate—Side, Drive Side	12
335718	Plate—Side, Idle Side	13
335719	Plate—Guide, Input	14
335721	Plate—Guide, Interior	15
335722	Mount—Motor, Drive	16
335723	Mount—Bushing, Output	17
335726	Screw—Machine, #3 x 35 mm	20
335727	Screw—Machine, #3 x 55 mm	21
335728	Screw—Machine, #4 x 6 mm	22
335729	Ring—Retaining, #6 mm	23
335730	Gear—Idler	24
335731	Bushing—Roller	25
335732	Gear—Drive, Roller	26
335733	Spring—Tension	27
335734	Bar—Support	28
335735	Adapter—Exhaust	29
335736	Seal—Foam	30
335737	Bushing—Strain Relief	31
335789	Plate—Deflector, Input	32
488811	Screw—Machine, #4 x 10 mm	33
488860	Screw—Machine, #4 x 8 mm	34
586233	Screw—Set, #4 x 6 mm	35
588855	Screw—Machine, #3 x 4 mm	36
619364	Lockwasher—Metric, #3	37
806646	Clamp—Cable	38



## ALPHABETICAL INDEX

Description	Part No.	Item No.
Adapter—Exhaust	335735	29
Bar—Support	335734	28
Bushing—Roller	335731	25
Bushing—Roller, Exit	335711	39
Bushing—Strain Relief	335737	31
Capacitor	335580	40
Clamp—Cable	806646	38
Coupling—Motor	335714	9
Cover—Capacitor	333604	41
Gear—Clutch Assembly	335716	11
Gear—Drive, Roller	335732	26
Gear—Idler	335730	24
Gearbox—Motor, Drive	335724	18
Lockwasher—Metric, #3	619364	37
Motor—Drive	335725	19
Mount—Bushing, Output	335723	17
Mount—Motor, Drive	335722	16
Nut—Metric, #3	262728	5
Plate—Deflector, Input	335789	32
Plate—Guide, Input	335719	14
Plate—Guide, Interior	335721	15
Plate—Side, Drive Side	335717	12
Plate—Side, Idle Side	335718	13
Ring—Retaining, #6 mm	335729	23
Rod—Guide	335715	10
Roller—Transport	335712	7
Screw—Machine, #3 x 4 mm	588855	36
Screw—Machine, #3 x 6 mm	312354	6
Screw—Machine, #3 x 12 mm	262727	4
Screw—Machine, #3 x 35 mm	335726	20
Screw—Machine, #3 x 55 mm	335727	21
Screw—Machine, #4 x 6 mm	335728	22
Screw—Machine, #4 x 8 mm	488860	34
Screw—Machine, #4 x 10 mm	488811	33
Screw—Machine, #4 x 12 mm	243805	1
Screw—Machine, Fl. Hd., #3 x 6 mm	261302	2
Screw—Machine, Fl. Hd., #3 x 15 mm	261304	3
Screw—Set, #4 x 6 mm	586233	35
Screw—Shoulder, Gear	335713	8
Seal—Foam	335736	30
Spring—Tension	335733	27

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